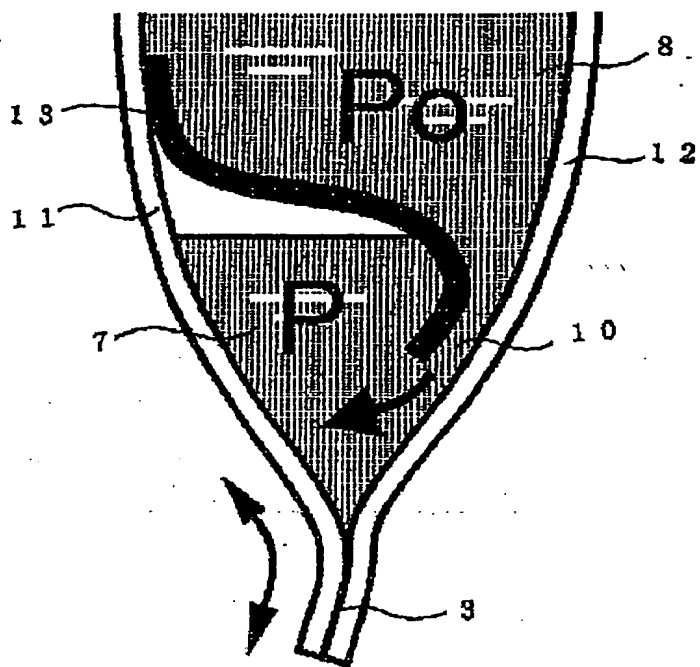


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- AN - 2004-093532 [10]**
- TI - Packaging bag for accommodating liquid, has plastic film with heat sealing and non-heat sealing portions defining opening such that no microgap is formed in non-heat sealing portion**
- AB - JP2003165550 NOVELTY - The inner-face of a plastic film comprising polyolefin layer, has a heat sealing portion (2) and a non-heat sealing portion (6) defining an opening. A boundary line (A) between the heat sealing and non-heat sealing portions and the non-heating sealing portion mutually contact each other such that no microgap is formed in the non-heat sealing portion.**
- DETAILED DESCRIPTION - The non-heat sealing portion is cut vertically with respect to the boundary line between the heat sealing and non-heat sealing portions such that the angle between the cut portions is 20 deg. or less. A fixed quantity chamber provided at the upper portion of the opening is connected to a liquid storage chamber of the packaging bag. Partitions are provided between the opening and the liquid storage chamber. INDEPENDENT CLAIMS are also included for the following:**
- (1) packaging bag manufacturing method; and**
 - (2) packaging bag manufacturing apparatus.**
- USE - Packaging bag for accommodating liquid.**
- ADVANTAGE - Since no micro gap is formed in the non-heat sealing portion, the oozing out of liquid from the packing bag is prevented even if the bag is hanged in up-side down condition, after opening it.**
- DESCRIPTION OF DRAWING(S) - The figure shows the comparative enlarged cross-sectional views of the packaging bag.**
- heat sealing portion 2**
 - non-heat sealing portion 6**
 - boundary line between heat sealing and non-heat sealing portions A**
 - (Dwg.3/24)**
- IW - PACKAGE BAG ACCOMMODATE LIQUID PLASTIC FILM HEAT SEAL NON HEAT SEAL PORTION DEFINE OPEN NO FORMING NON HEAT SEAL PORTION**
- PN - JP2003165550 A 20030610 DW200410 B65D33/36 018pp**
- IC - B65D33/36**
- MC - A04-G01E A11-A05C A11-C01A1 A12-P02**
- DC - A92 Q32**
- PA - (TOXO) TOYO SEIKAN KAISHA LTD**
- AP - JP20020117342 20020419**
- PR - JP20010282750 20010918 JP20010139440 20010510**

(A)



(B)

